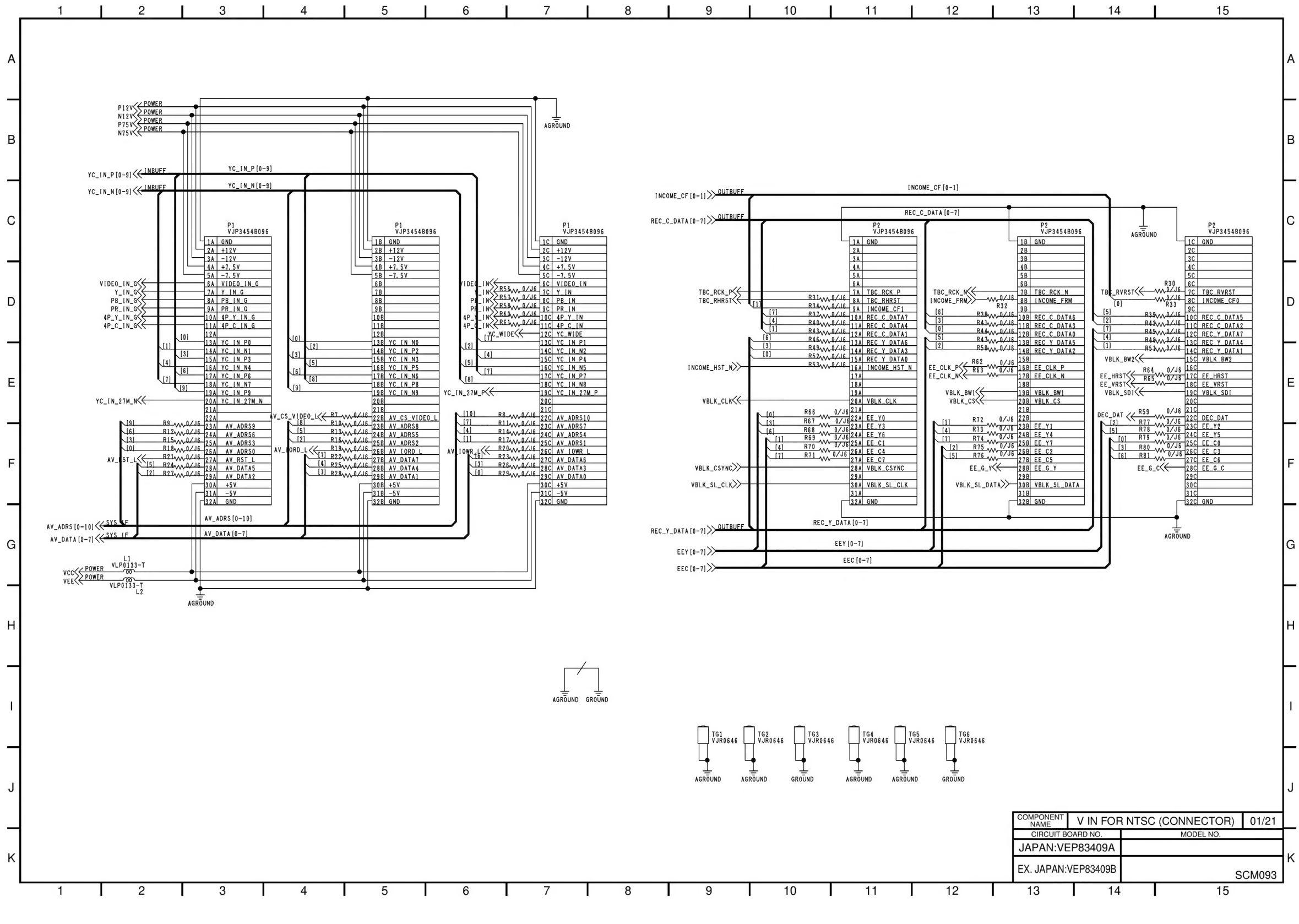
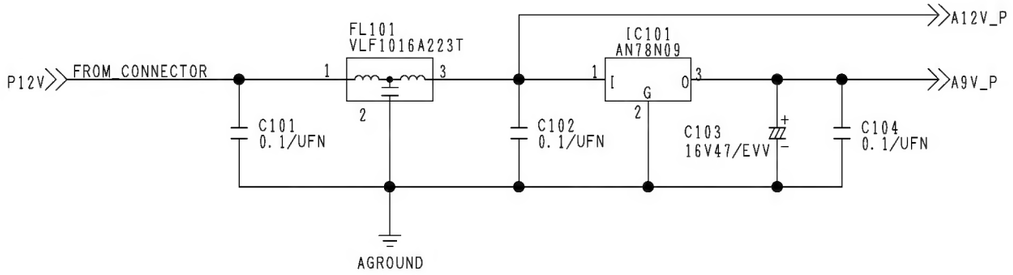
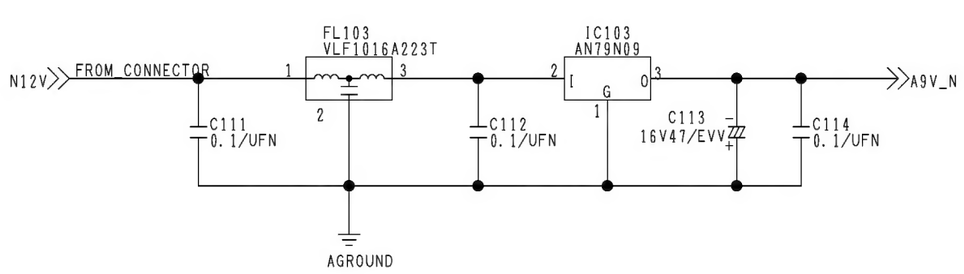
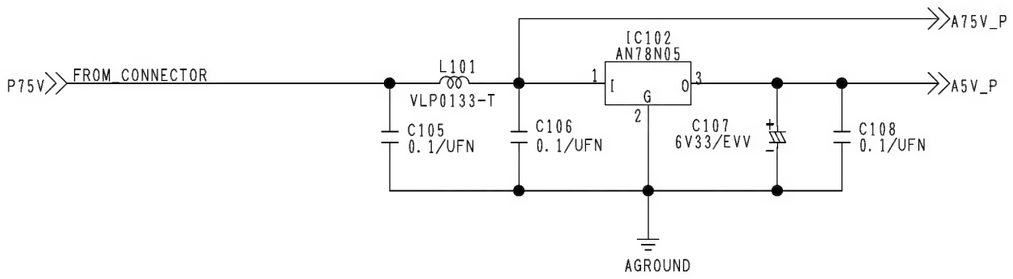
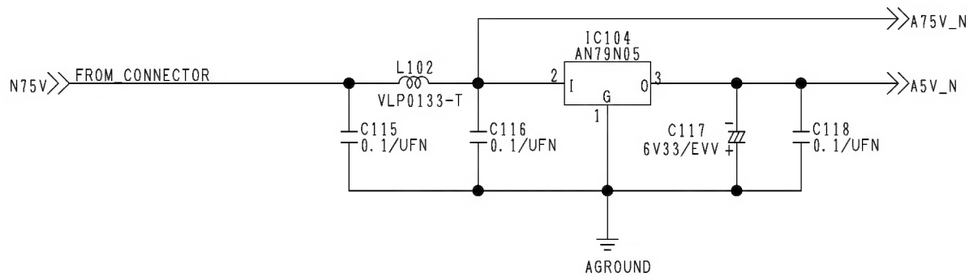


COMPONENT NAME	V IN FOR NTSC (CONNECTOR)	01/21
CIRCUIT BOARD NO.		MODEL NO.
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM093

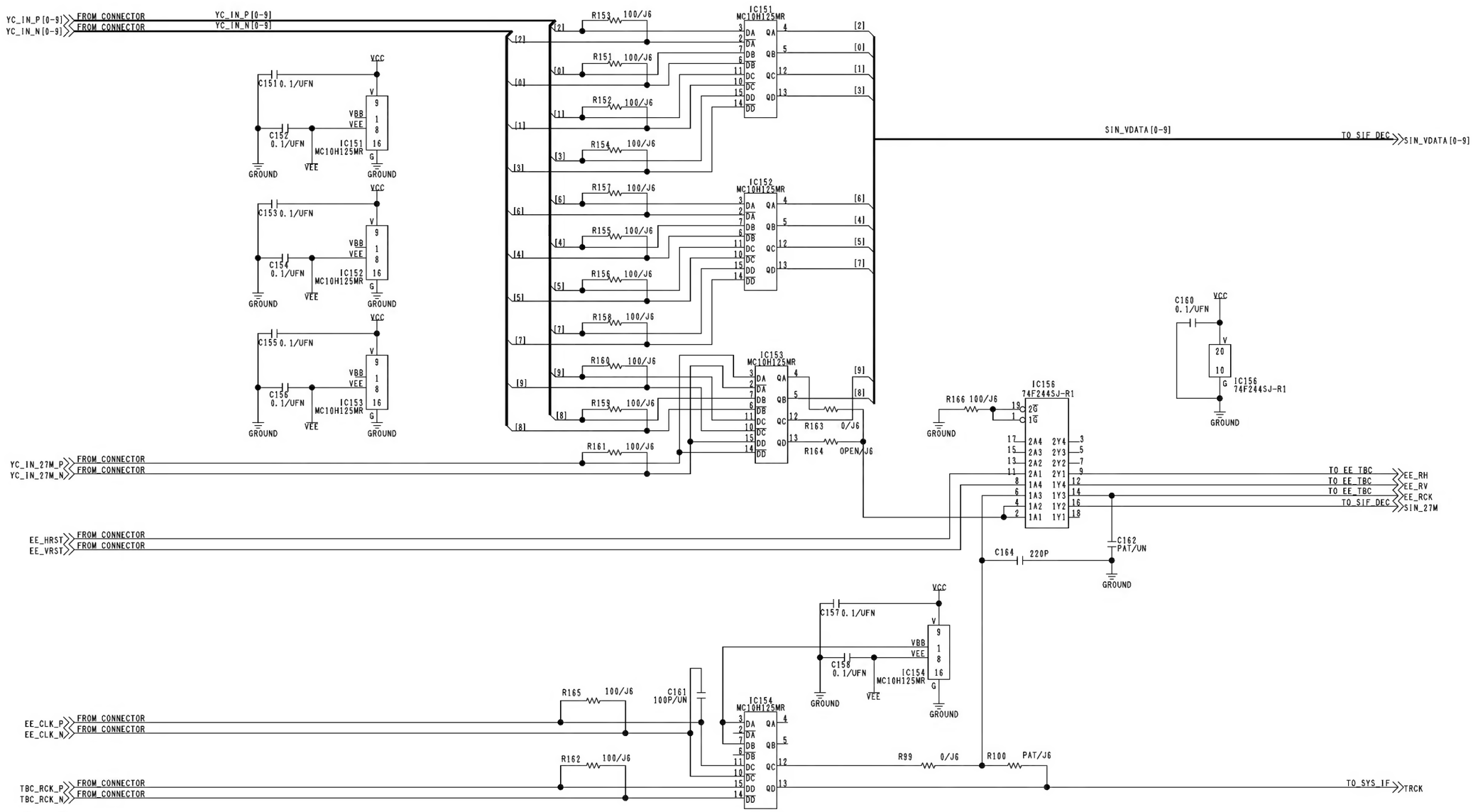




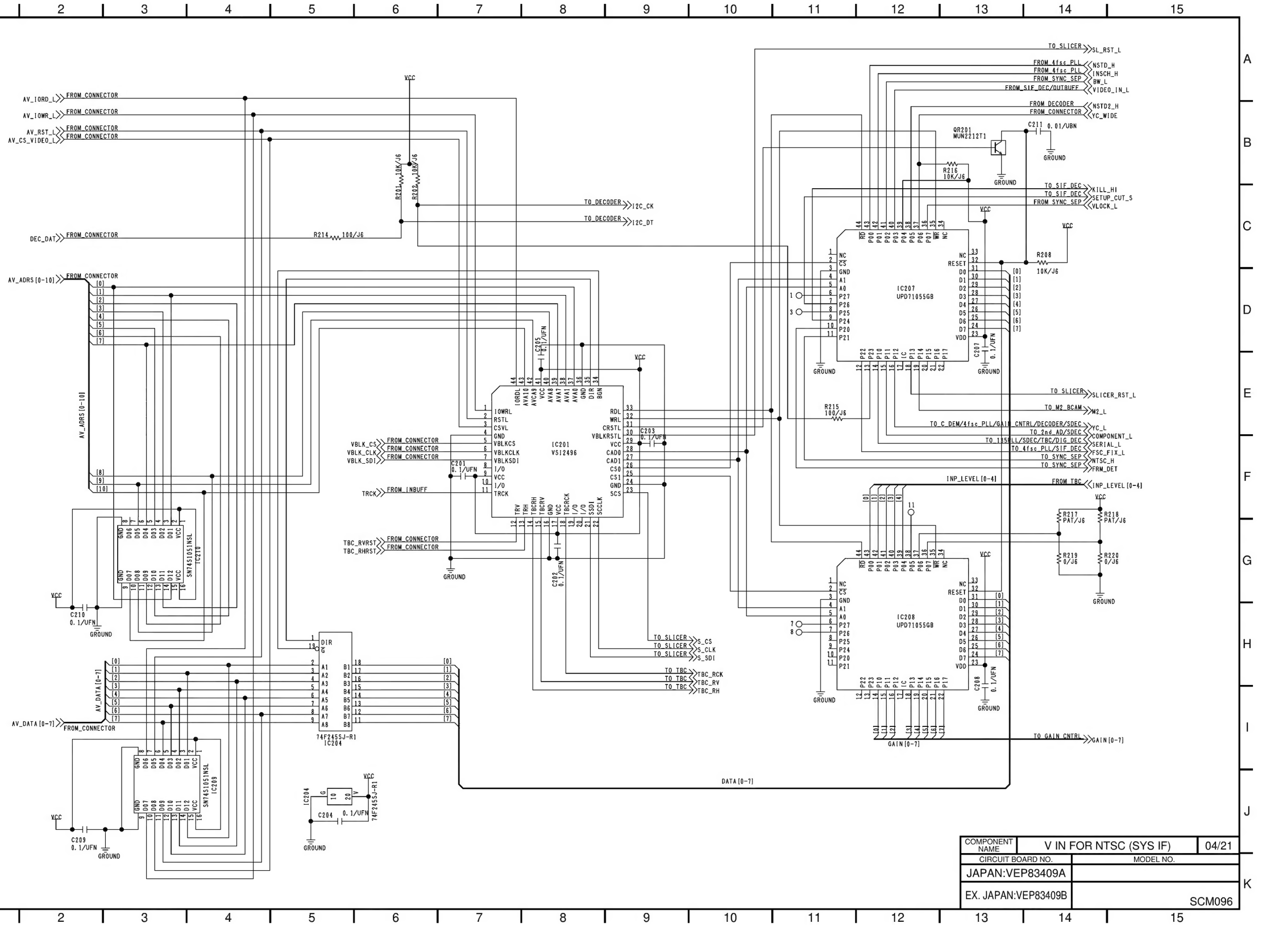




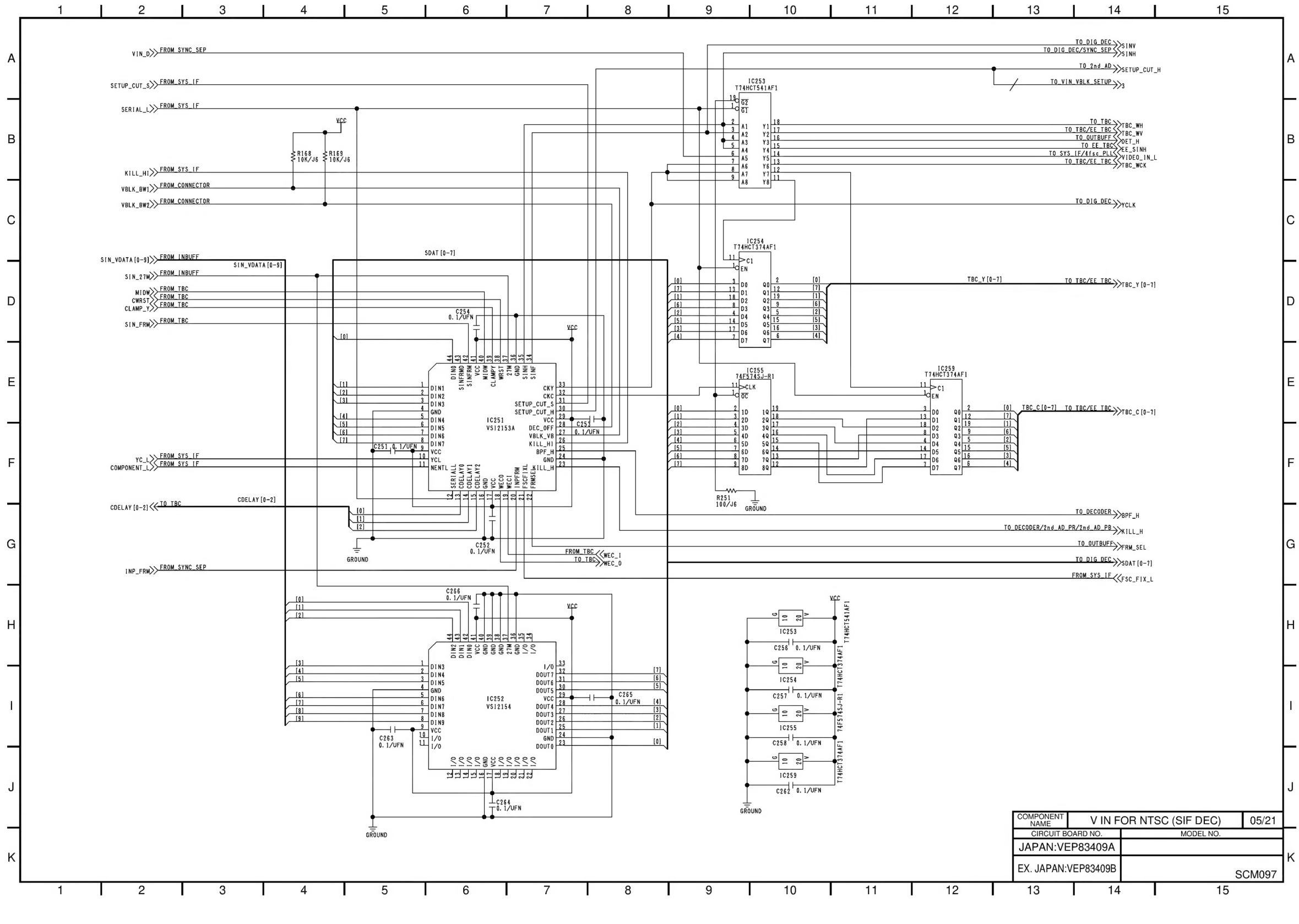
COMPONENT NAME	V IN FOR NTSC (POWER)	02/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM094



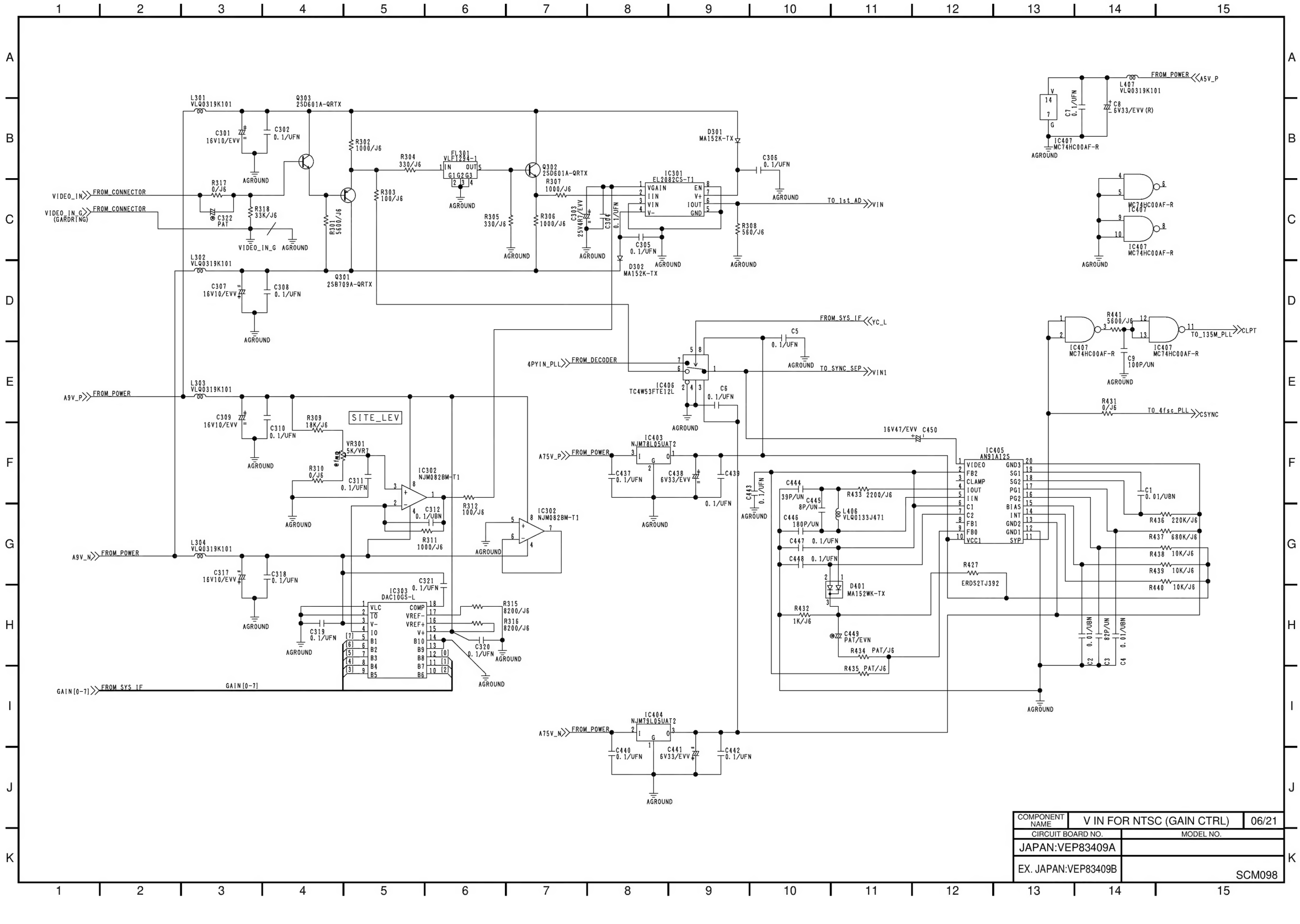
COMPONENT NAME	V IN FOR NTSC (IN BUFF)	03/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM095



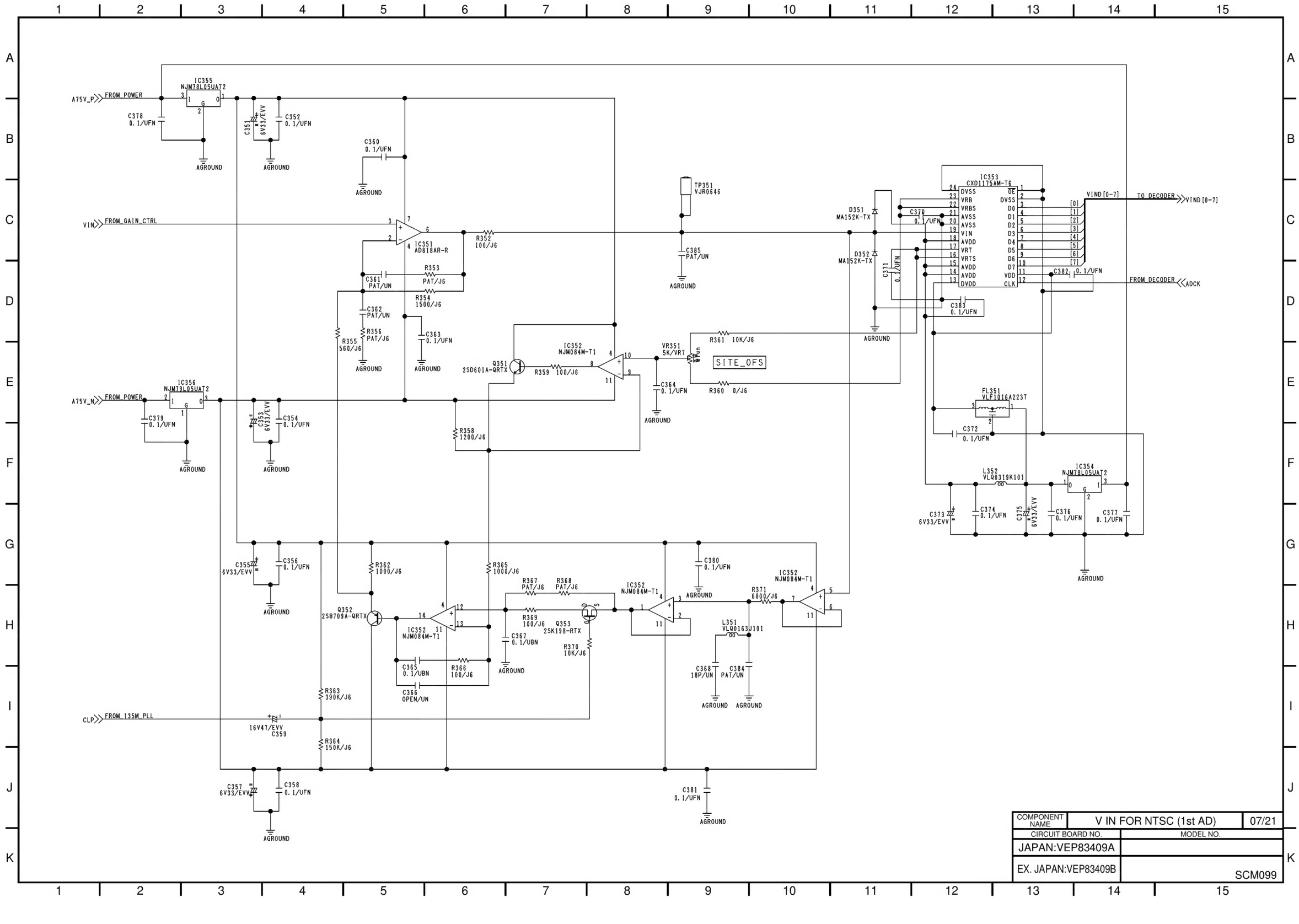
COMPONENT NAME	V IN FOR NTSC (SYS IF)	04/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM096



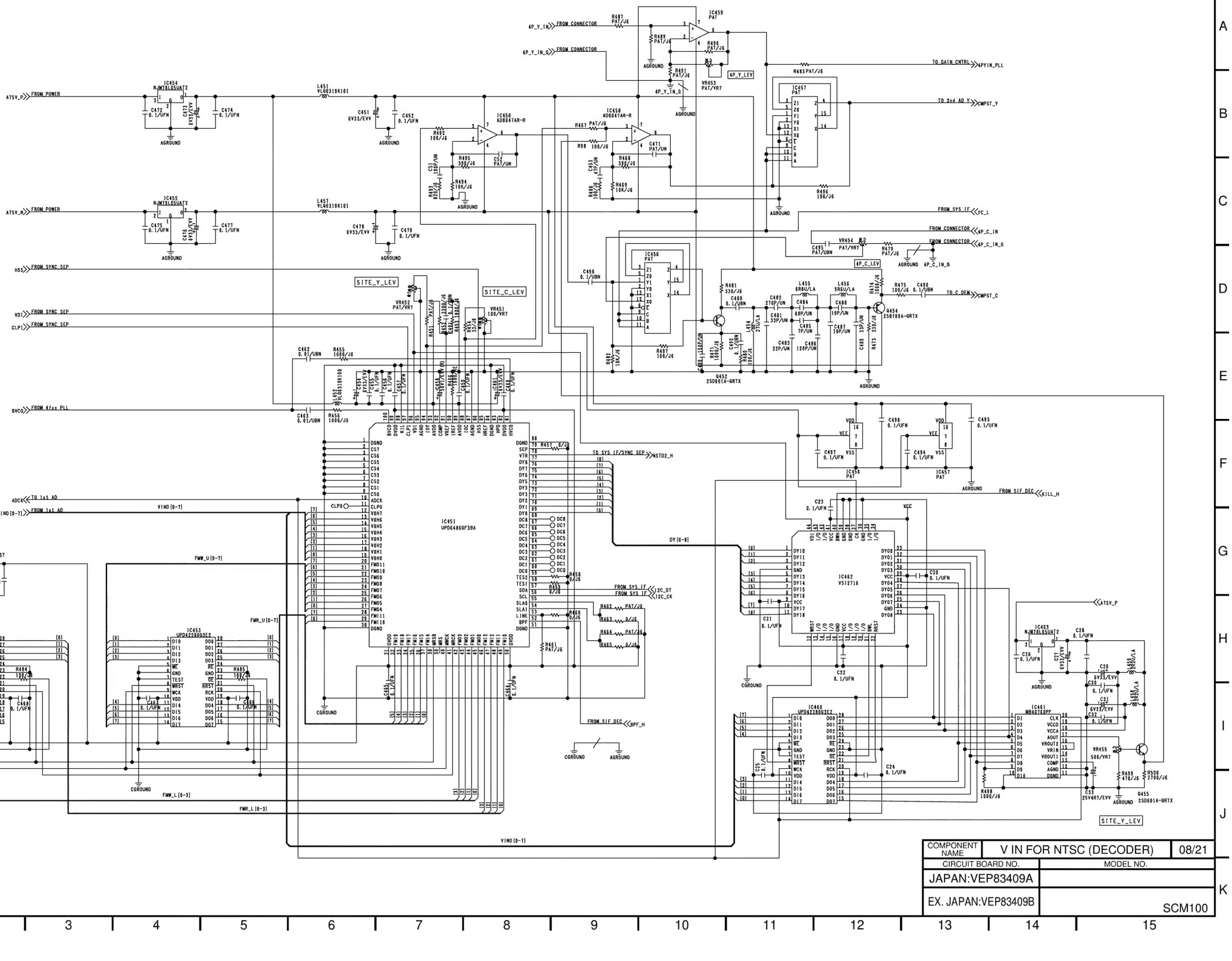
COMPONENT NAME	V IN FOR NTSC (SIF DEC)	05/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM097



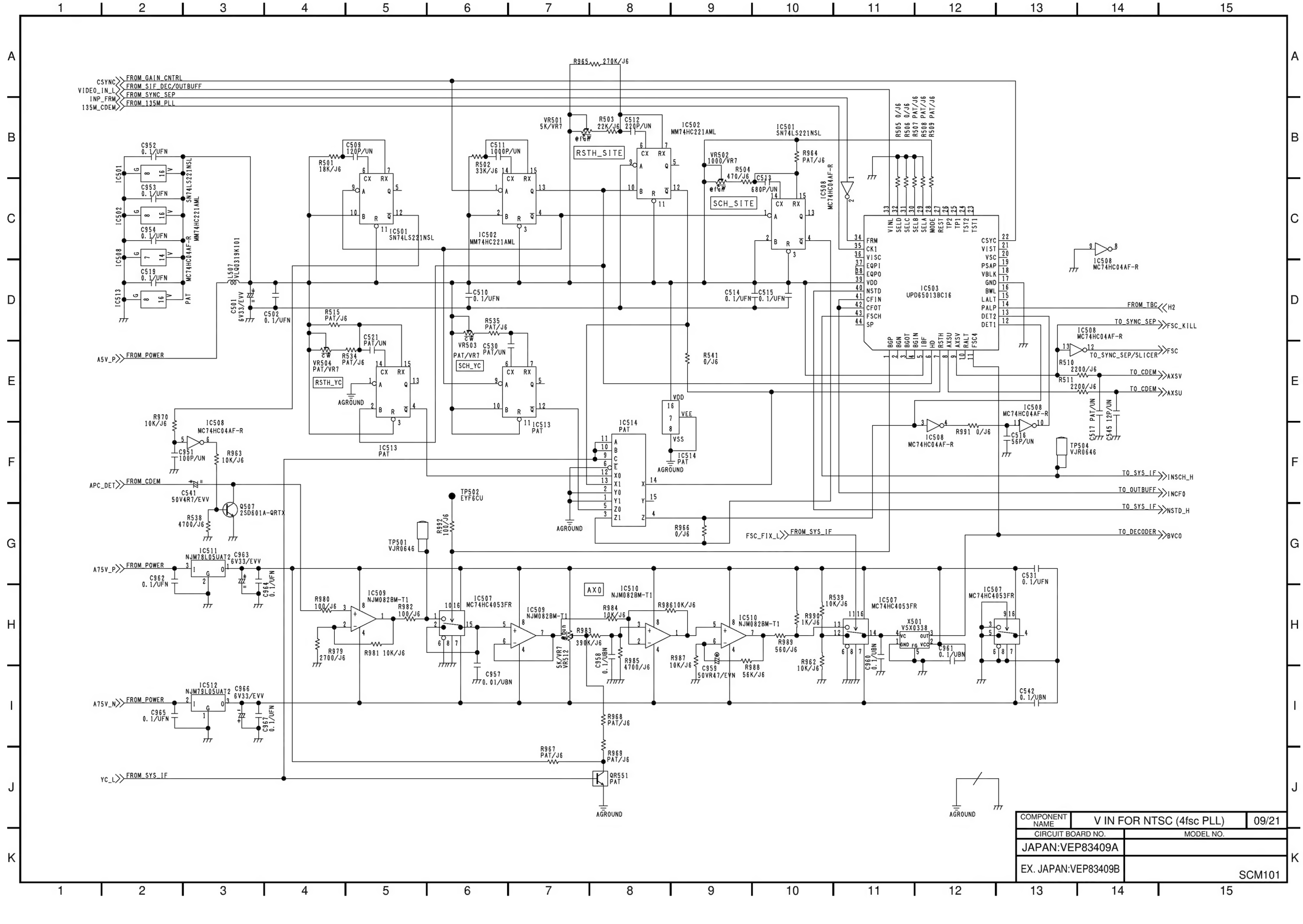
COMPONENT NAME	V IN FOR NTSC (GAIN CTRL)	06/21
CIRCUIT BOARD NO.		MODEL NO.
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM098

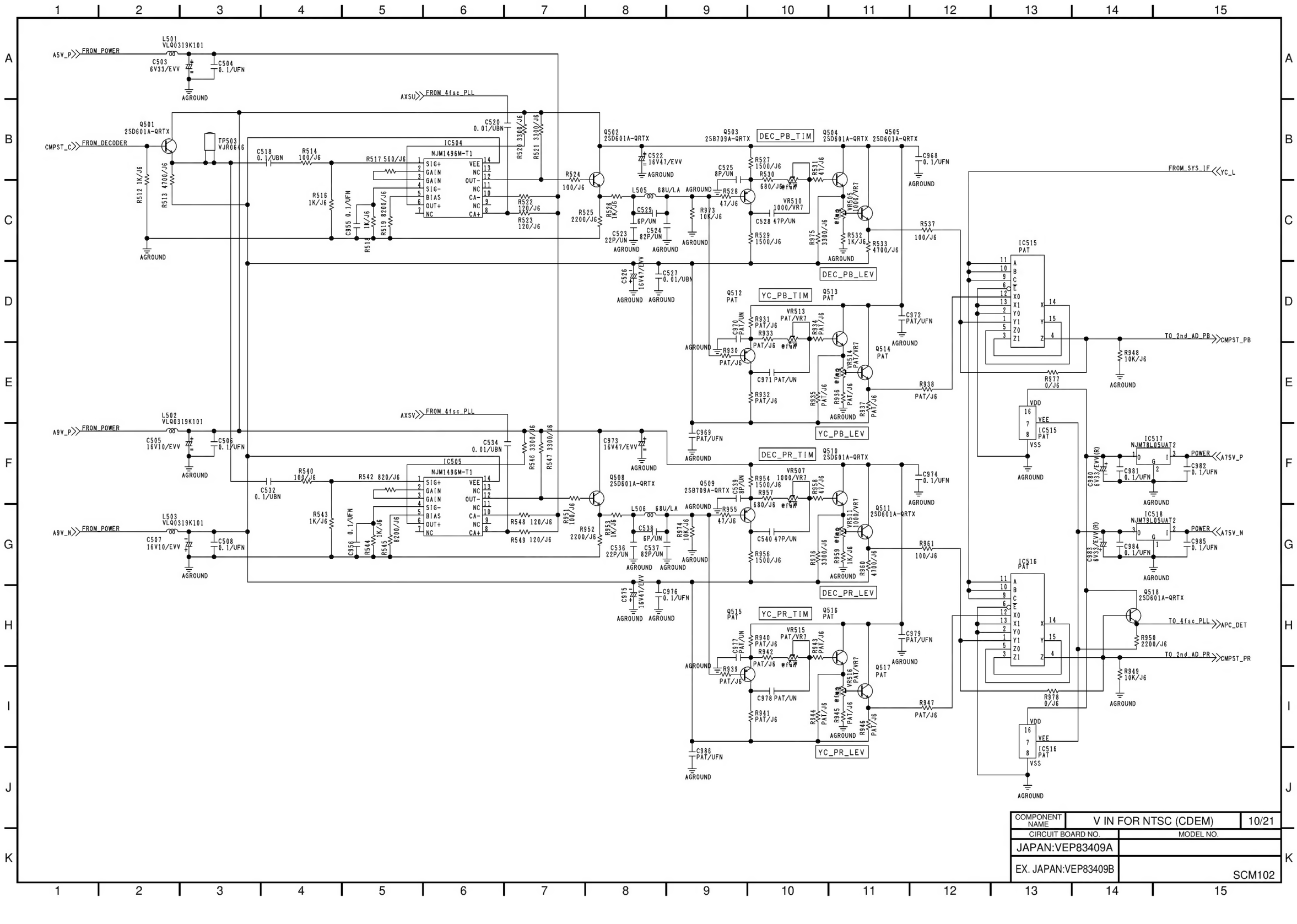


COMPONENT NAME	V IN FOR NTSC (1st AD)	07/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM099

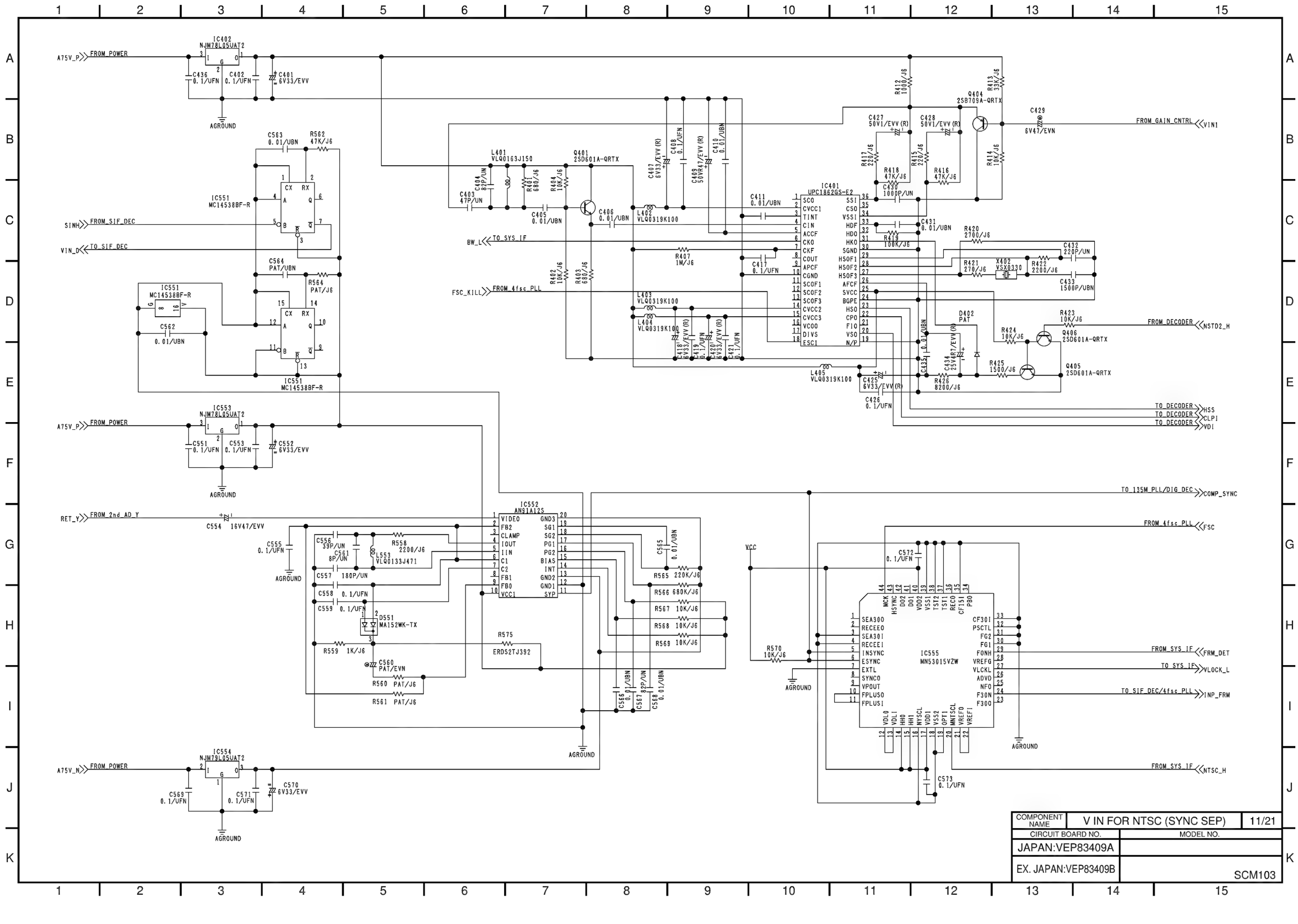


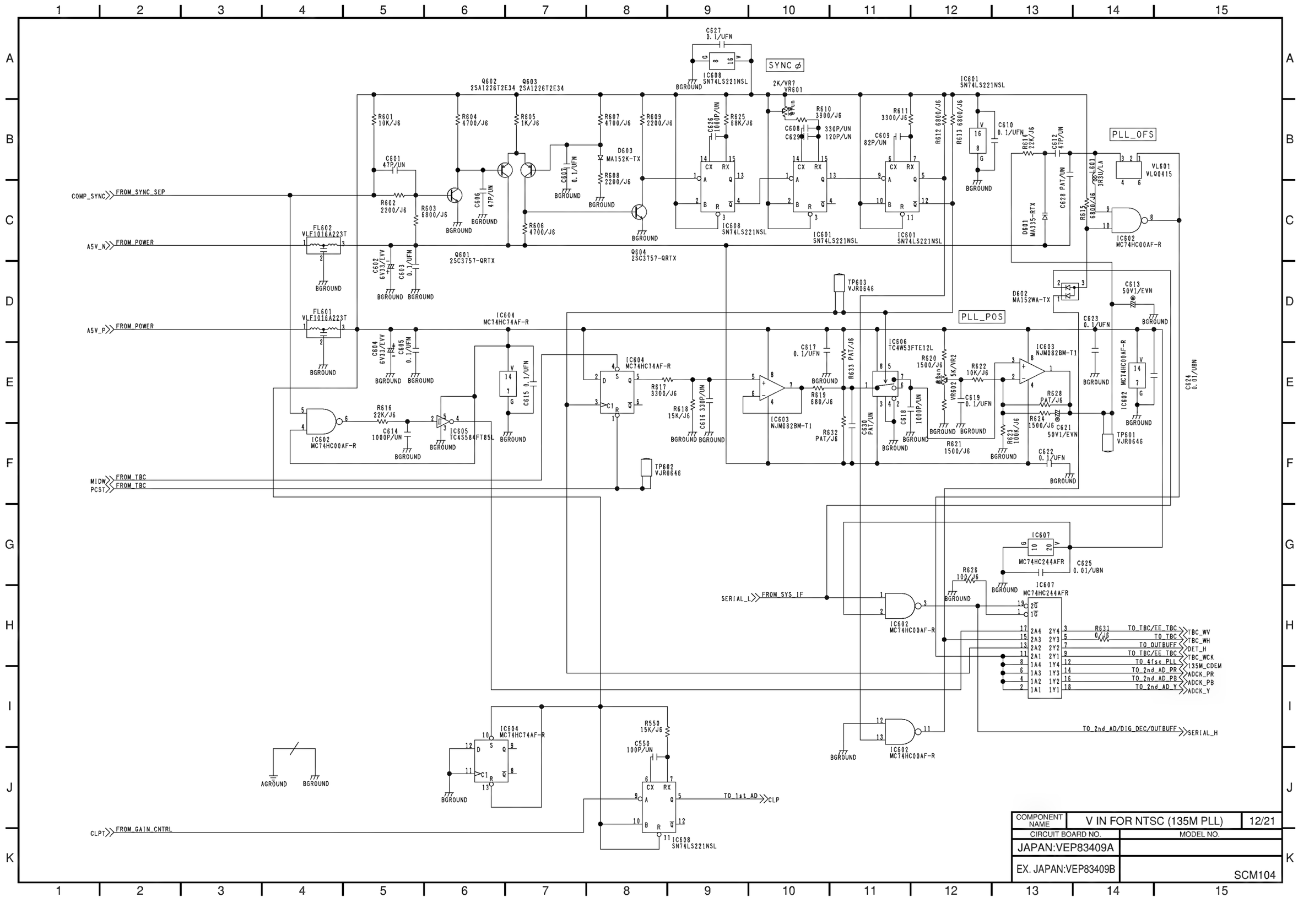
COMPONENT NAME	V IN FOR NTSC (DECODER)	08/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM100

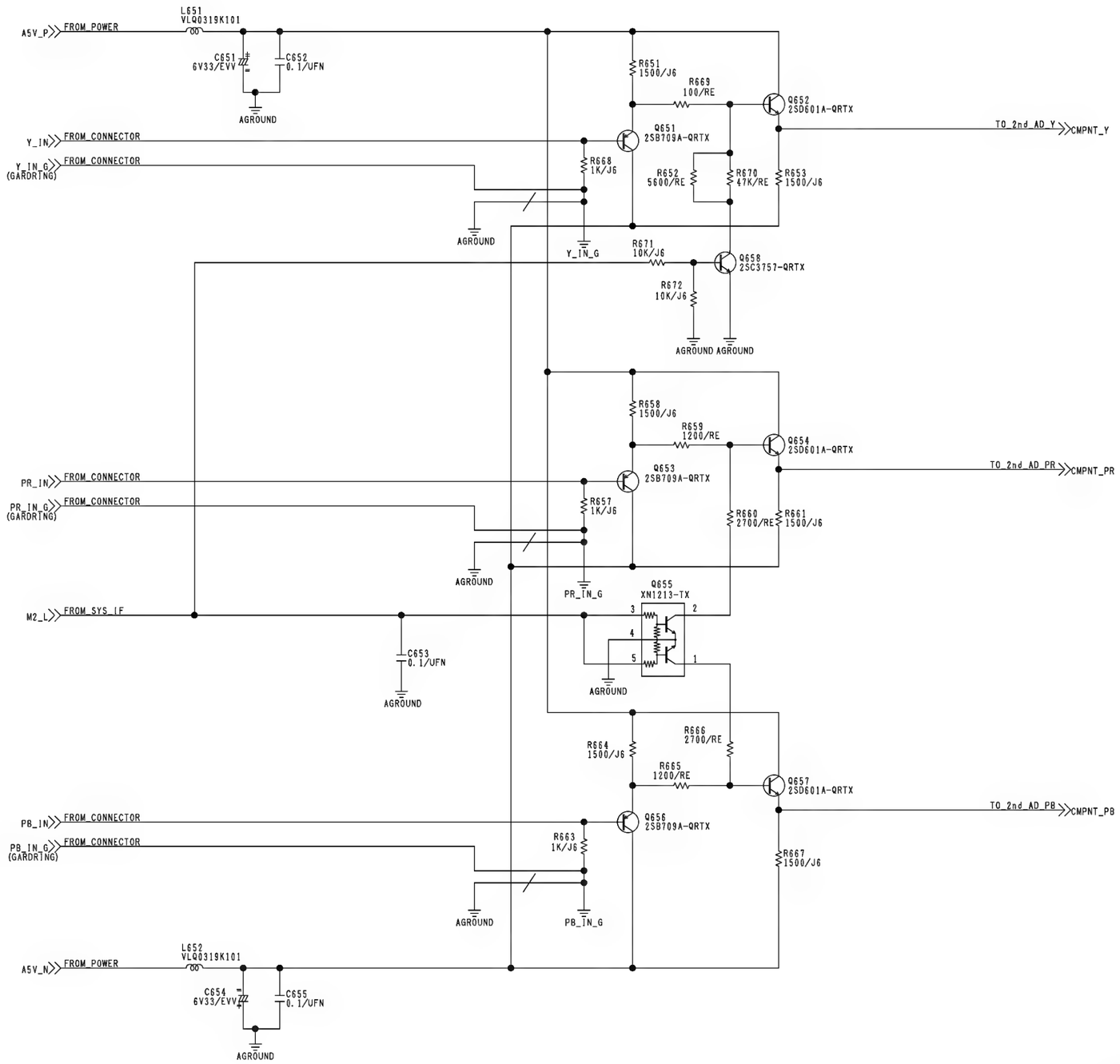

CSYNC FROM_GAIN_CNTRL
VIDEO_IN_L FROM_SIF_DEC/OUTBUFF
INP_FRM FROM_SYNC_SEP
135M_CDEM FROM_135M_PLL
A5V_P FROM_POWER
APC_DET FROM_CDEM
A75V_P FROM_POWER
A75V_N FROM_POWER
YC_L FROM_SYS_IF
FSC_FIX_L FROM_SYS_IF
FROM_TBC H2
TO_SYNC_SEP FSC_KILL
TO_SYNC_SEP/SLICER FSC
TO_CDEM AXSV
TO_CDEM AXSU
TO_SYS_IF INSCH_H
TO_OUTBUFF INCF0
TO_SYS_IF NSTD_H
TO_DECODER BVCO
RSTH_SITE
SCH_SITE
RSTH_YC
SCH_YC
AX0
IC501 SN74LS221NSL
IC502 MM74HC221AML
IC503 UPD65013BC16
IC507 MC74HC4053FR
IC508 MC74HC04AF-R
IC509 NJM082BM-T1
IC510 NJM082BM-T1
IC511 NJM78L05UAT2
IC512 NJM79L05UAT2
IC513 PAT
IC514 PAT
X501 VSX0338
TP501 VJR0646
TP502 EYF6CU
TP504 VJR0646
QR551 PAT
Q507 2SD601A-QRTX
AGROUND
COMPONENT NAME: V IN FOR NTSC (4fsc PLL) 09/21
CIRCUIT BOARD NO.: JAPAN:VEP83409A
MODEL NO.:
EX. JAPAN:VEP83409B
SCM101



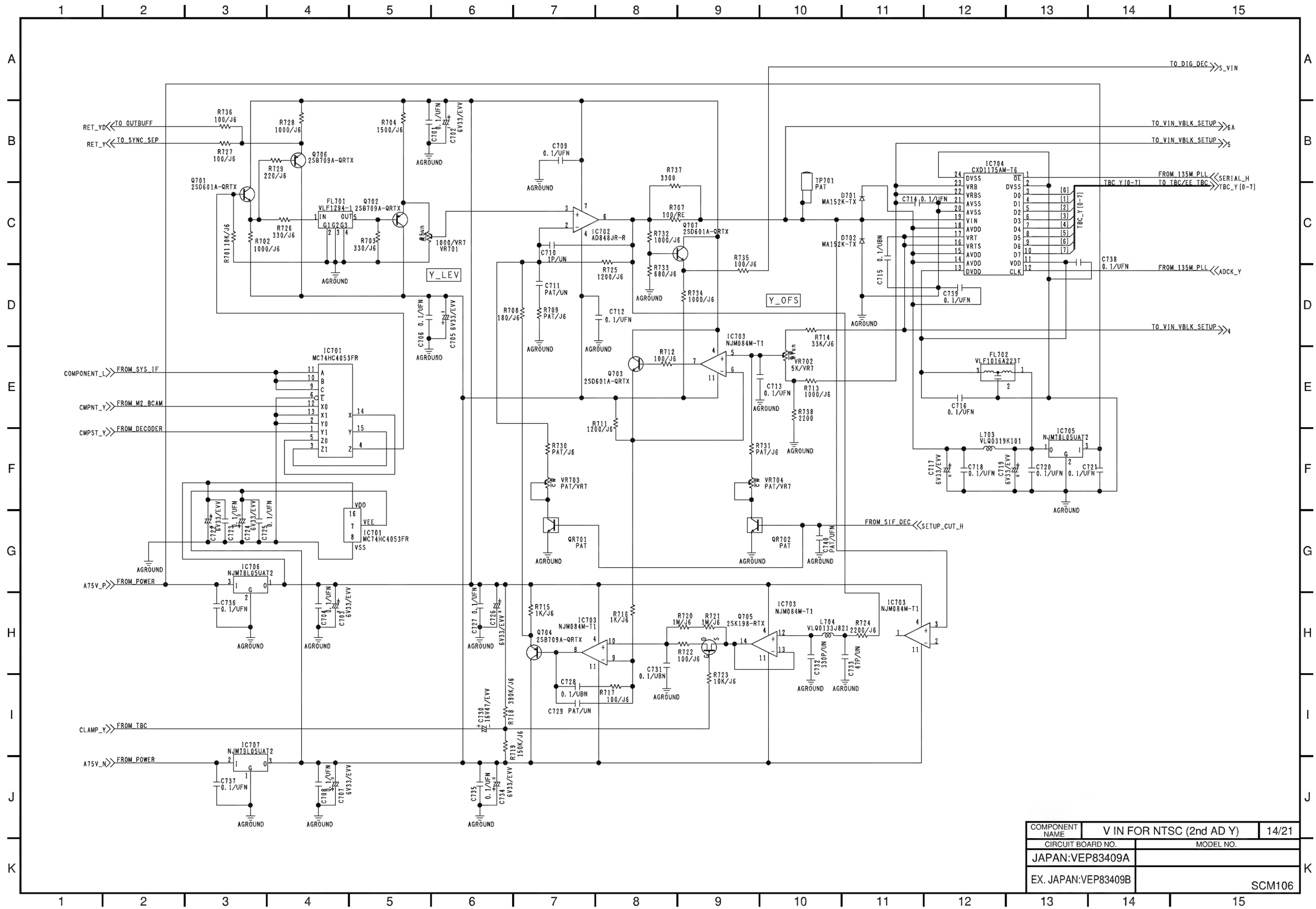
COMPONENT NAME	V IN FOR NTSC (CDEM)	10/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B	SCM102	

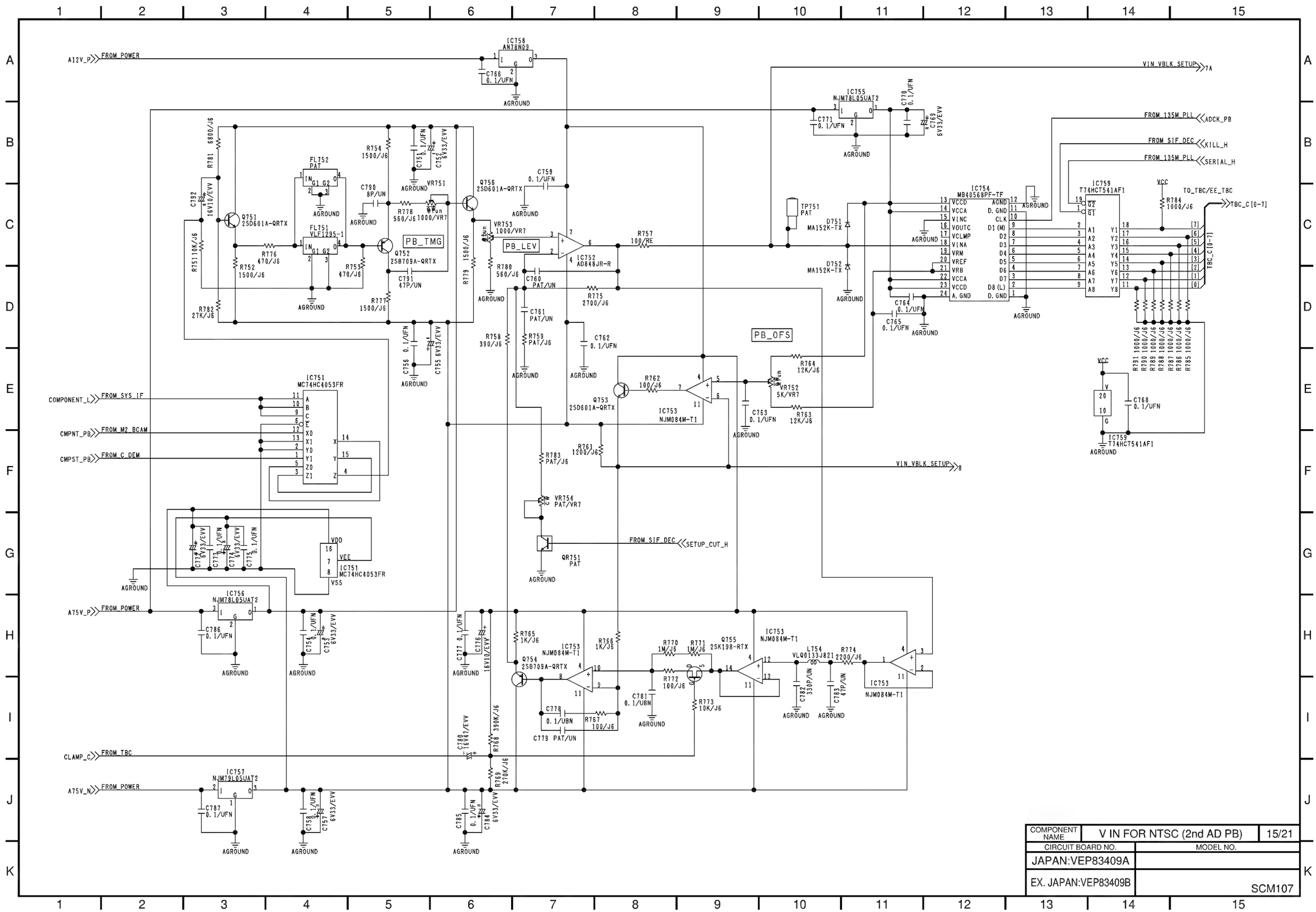

IC402 NJM78L05UAT2
A75V_P
FROM_POWER
C436 0.1/UFN
C402 0.1/UFN
C401 6V33/EVV
AGROUND
IC551 MC14538BF-R
C563 0.01/UBN
R562 47K/J6
SINH
FROM_SIF_DEC
VIN_D
TO_SIF_DEC
C564 PAT/UBN
R564 PAT/J6
C562 0.01/UBN
IC553 NJM78L05UAT2
C551 0.1/UFN
C553 0.1/UFN
C552 6V33/EVV
L401 VLQ0163J150
Q401 2SD601A-QRTX
C404 82P/UN
C403 47P/UN
R401 680/J6
R404 10K/J6
C405 0.01/UBN
C406 0.01/UBN
L402 VLQ0319K100
C407 6V33/EVV (R)
C408 0.1/UFN
C409 50V4R7/EVV (R)
C410 0.01/UBN
BW_L
TO_SYS_IF
R407 1M/J6
FSC_KILL
FROM_4fsc_PLL
R402 10K/J6
R403 680/J6
L403 VLQ0319K100
L404 VLQ0319K100
C418 6V33/EVV (R)
C419 0.1/UFN
C420 6V33/EVV (R)
C421 0.1/UFN
C411 0.01/UBN
C417 0.1/UFN
IC401 UPC1862GS-E2
SCO
CVCC1
TINT
CIN
ACCF
CKO
CKF
COUT
APCF
CGND
SCOF1
SCOF2
SCOF3
CVCC2
CVCC3
VCOO
DIVS
ESCI
SSI
CSO
VSSL
HDF
HDO
HKO
SGND
HSOF1
HSOF2
HSOF3
AFCF
SVCC
BGPE
HSO
CPO
FIO
VSO
N/P
R412 1000/J6
R413 33K/J6
Q404 2SB709A-QRTX
C429 6V47/EVN
FROM_GAIN_CNTRL
VIN1
C427 50V1/EVV (R)
C428 50V1/EVV (R)
R417 220/J6
R415 220/J6
R414 10K/J6
R418 47K/J6
R416 47K/J6
C430 1000P/UN
C431 0.01/UBN
R419 100K/J6
R420 2700/J6
C432 220P/UN
R421 270/J6
X402 VSX0330
R422 2200/J6
C433 1500P/UBN
D402 PAT
C434 25V4R7/EVV (R)
C435 0.01/UBN
R423 10K/J6
FROM_DECODER
NSTD2_H
R424 10K/J6
Q406 2SD601A-QRTX
R425 1500/J6
Q405 2SD601A-QRTX
R426 8200/J6
L405 VLQ0319K100
C425 6V33/EVV (R)
C426 0.1/UFN
TO_DECODER
HSS
CLPI
VDI
IC554 NJM79L05UAT2
A75V_N
C569 0.1/UFN
C571 0.1/UFN
C570 6V33/EVV
RET_Y
FROM_2nd_AD_Y
C554 16V47/EVV
C555 0.1/UFN
C556 39P/UN
C551 8P/UN
R558 2200/J6
L553 VLQ0133J471
C557 180P/UN
C558 0.1/UFN
C559 0.1/UFN
D551 MA152WK-TX
R559 1K/J6
C560 PAT/EVN
R560 PAT/J6
R561 PAT/J6
IC552 AN91A12S
VIDEO
FB2
CLAMP
IOUT
IIN
C1
C2
FB1
FB0
VCC1
GND3
SG1
SG2
PG1
PG2
BIAS
INT
GND2
GND1
SYP
C565 0.01/UBN
R565 220K/J6
R566 680K/J6
R567 10K/J6
R568 10K/J6
R569 10K/J6
R575 ERDS2TJ392
C566 0.01/UBN
C567 82P/UN
C568 0.01/UBN
TO_135M_PLL/DIG_DEC
COMP_SYNC
FROM_4fsc_PLL
FSC
VCC
C572 0.1/UFN
R570 10K/J6
IC555 MN53015VZW
SEA300
RECEEO
SEA30I
RECEEI
INSYNC
ESYNC
EXTL
SYNCO
VPOUT
FPLUSO
FPLUSI
MCK
HSYNC
DO2
DO1
VDD2
VSS1
TST2
TST1
RECO
CF15I
PBO
CF30I
PSCTL
FG2
FG1
FONH
VREFG
VLCKL
ADVD
NFO
F30N
F30O
VDL0
VDL1
HH0
HH1
NYSCL
VDD1
VSS2
OPT1
MNTSCL
VREFO
VREFI
FROM_SYS_IF
FRM_DET
TO_SYS_IF
VLOCK_L
TO_SIF_DEC/4fsc_PLL
INP_FRM
FROM_SYS_IF
NTSC_H
C573 0.1/UFN
COMPONENT NAME
V IN FOR NTSC (SYNC SEP)
11/21
CIRCUIT BOARD NO.
MODEL NO.
JAPAN:VEP83409A
EX. JAPAN:VEP83409B
SCM103


SYNC ø
PLL_OFS
PLL_POS
COMP_SYNC FROM_SYNC_SEP
A5V_N FROM_POWER
A5V_P FROM_POWER
MIDW FROM_TBC
PCST FROM_TBC
CLPT FROM_GAIN_CNTRL
SERIAL_L FROM_SYS_IF
TO_1st_AD CLP
TO_2nd_AD/DIG_DEC/OUTBUFF SERIAL_H
TO_TBC/EE_TBC TBC_WV
TO_TBC TBC_WH
TO_OUTBUFF DET_H
TO_TBC/EE_TBC TBC_WCK
TO_4fsc_PLL 135M_CDEM
TO_2nd_AD_PR ADCK_PR
TO_2nd_AD_PB ADCK_PB
TO_2nd_AD_Y ADCK_Y
IC608 SN74LS221NSL
IC601 SN74LS221NSL
IC602 MC74HC00AF-R
IC604 MC74HC74AF-R
IC605 TC45584FT85L
IC606 TC4W53FTE12L
IC603 NJM082BM-T1
IC607 MC74HC244AFR
Q601 2SC3757-QRTX
Q602 2SA1226T2E34
Q603 2SA1226T2E34
Q604 2SC3757-QRTX
D601 MA335-RTX
D602 MA152WA-TX
D603 MA152K-TX
FL601 VLF1016A223T
FL602 VLF1016A223T
VL601 VLQ0415
TP601 VJR0646
TP602 VJR0646
TP603 VJR0646
BGROUND
AGROUND
COMPONENT NAME
V IN FOR NTSC (135M PLL)
12/21
CIRCUIT BOARD NO.
MODEL NO.
JAPAN:VEP83409A
EX. JAPAN:VEP83409B
SCM104

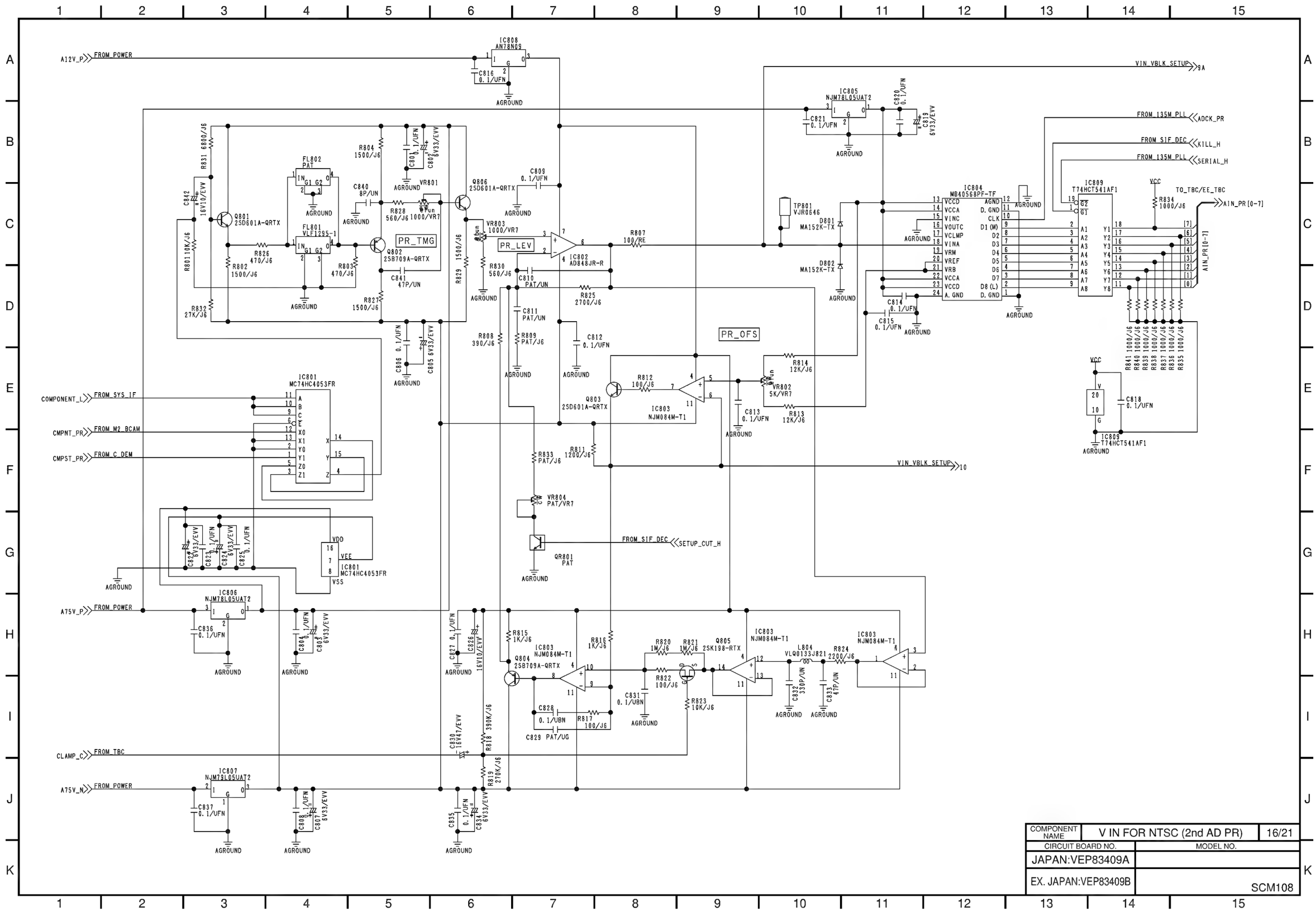


COMPONENT NAME	V IN FOR NTSC (M2 BCAM SELECT)	13/21
CIRCUIT BOARD NO.		MODEL NO.
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM105

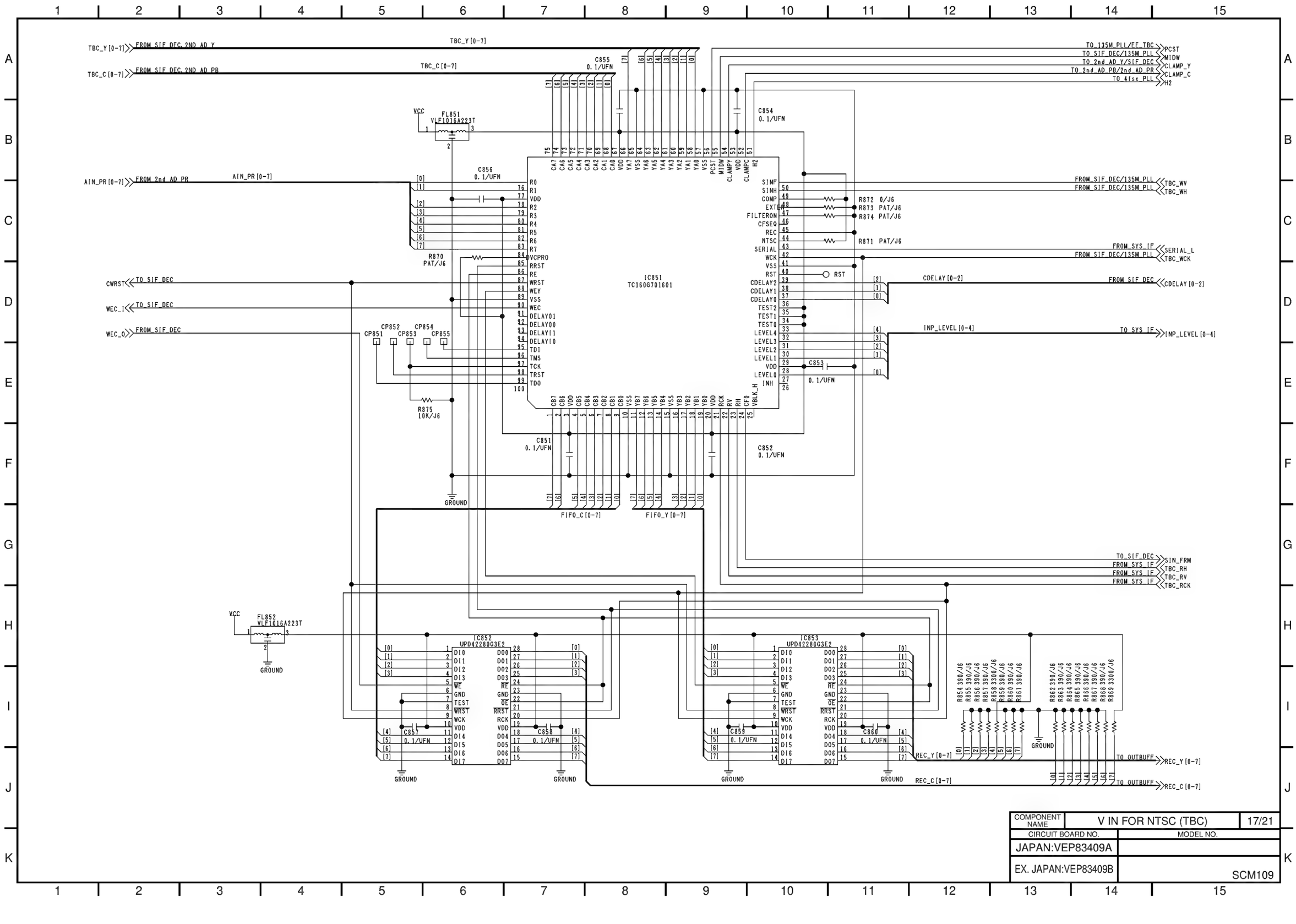

TO DIG DEC
S_VIN
TO_VIN_VBLK_SETUP
6A
TO_VIN_VBLK_SETUP
5
TO_VIN_VBLK_SETUP
4
FROM 135M PLL
SERIAL_H
TBC Y [0-7]
TO TBC/EE TBC
TBC_Y [0-7]
FROM 135M PLL
ADCK_Y
FROM SIF DEC
SETUP_CUT_H
RET_YD
TO OUTBUFF
RET_Y
TO SYNC SEP
COMPONENT_L
FROM SYS IF
CMPNT_Y
FROM M2 BCAM
CMPST_Y
FROM DECODER
CLAMP_Y
FROM TBC
A75V_P
FROM POWER
A75V_N
FROM POWER
Y_LEV
Y_OFS
IC701
MC74HC4053FR
IC702
AD848JR-R
IC703
NJM084M-T1
IC704
CXD1175AM-T6
IC705
NJM78L05UAT2
IC706
NJM78L05UAT2
IC707
NJM79L05UAT2
FL701
VLF1294-1
FL702
VLF1016A223T
L703
VLQ0319K101
L704
VLQ0133J821
Q701
2SD601A-QRTX
Q702
2SB709A-QRTX
Q703
2SD601A-QRTX
Q704
2SB709A-QRTX
Q705
2SK198-RTX
Q706
2SB709A-QRTX
Q707
2SD601A-QRTX
QR701
PAT
QR702
PAT
D701
MA152K-TX
D702
MA152K-TX
TP701
PAT
AGROUND
COMPONENT NAME
V IN FOR NTSC (2nd AD Y)
14/21
CIRCUIT BOARD NO.
MODEL NO.
JAPAN:VEP83409A
EX. JAPAN:VEP83409B
SCM106



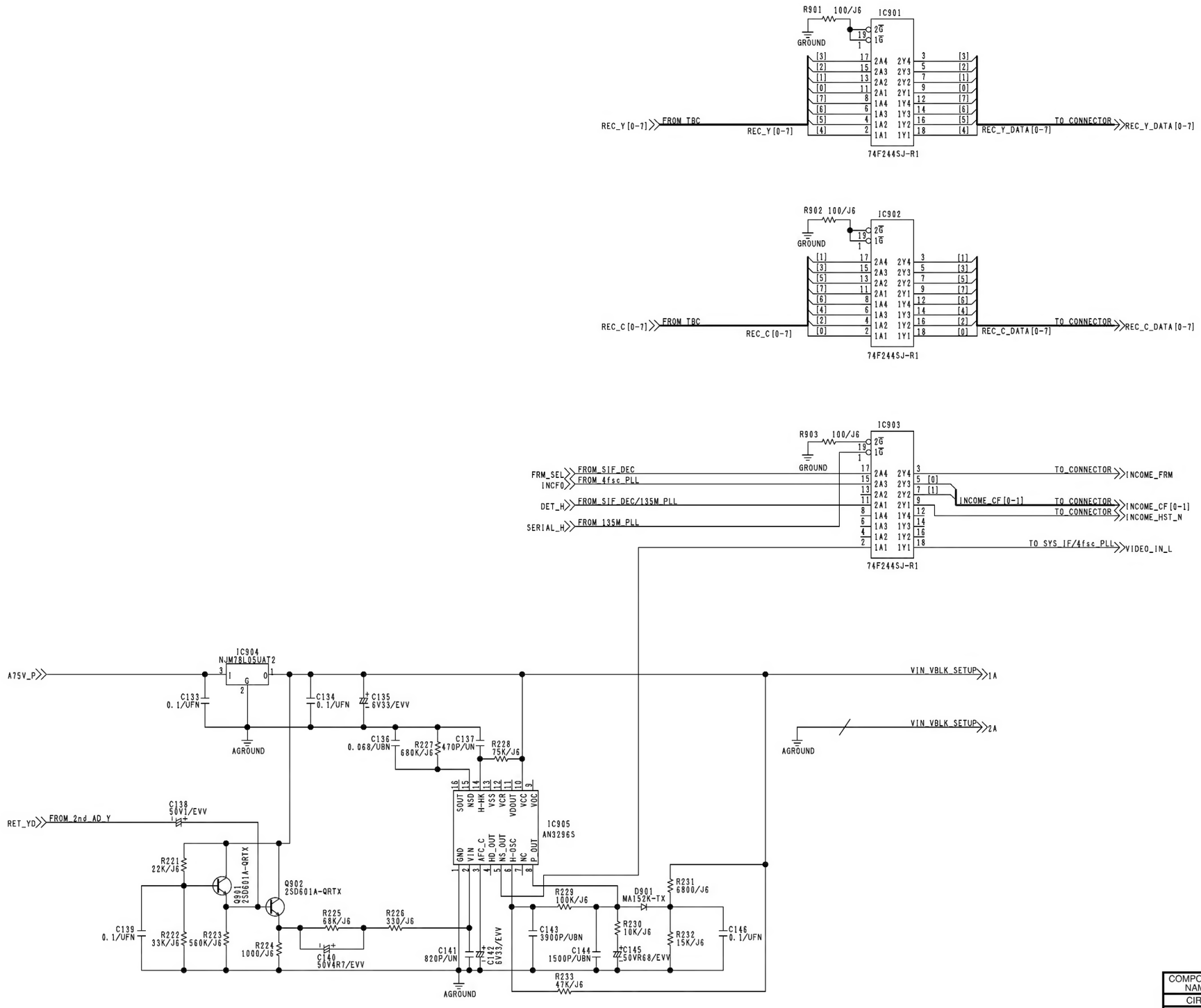
COMPONENT NAME	V IN FOR NTSC (2nd AD PB)	15/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM107



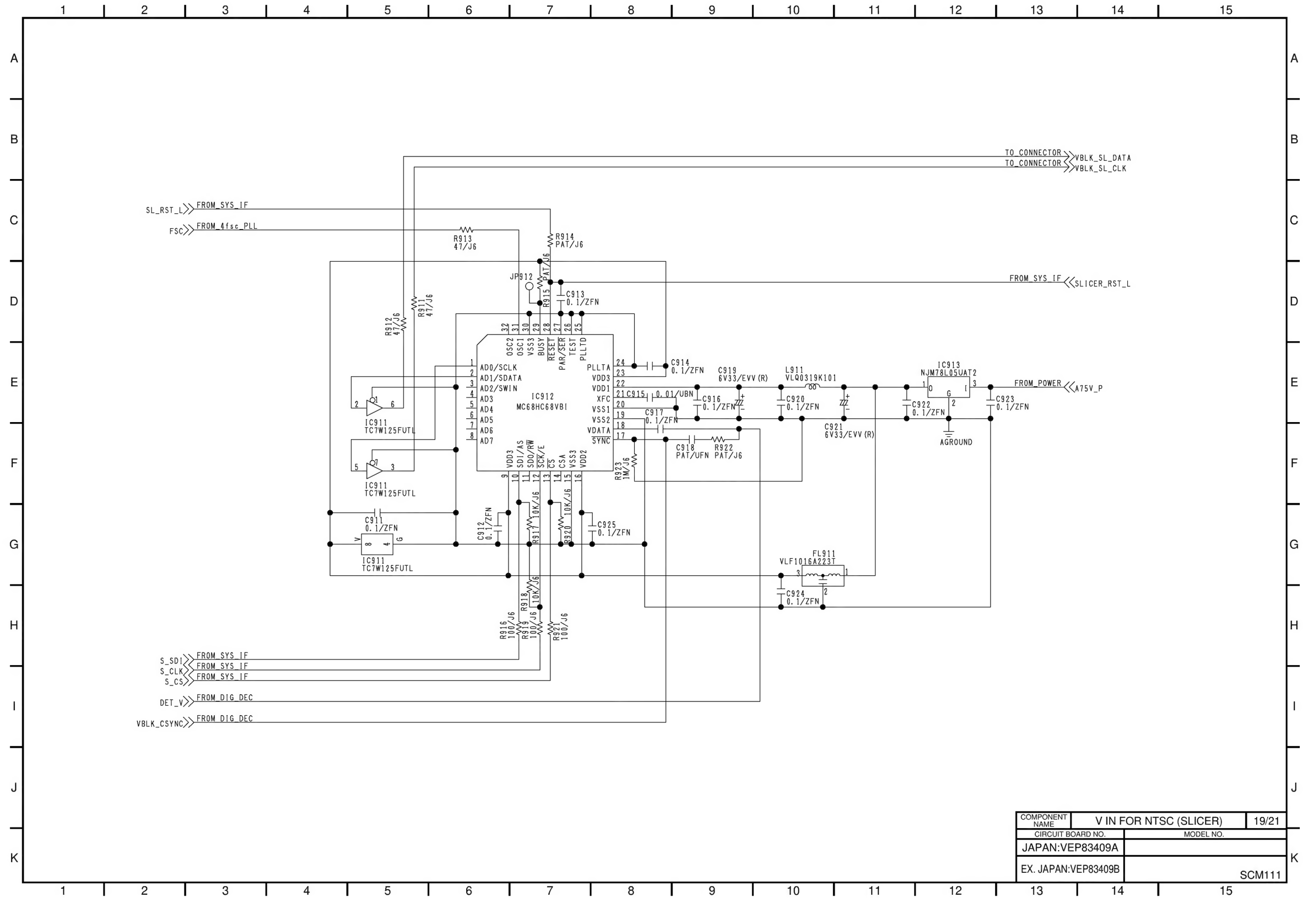
COMPONENT NAME	V IN FOR NTSC (2nd AD PR)	16/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM108



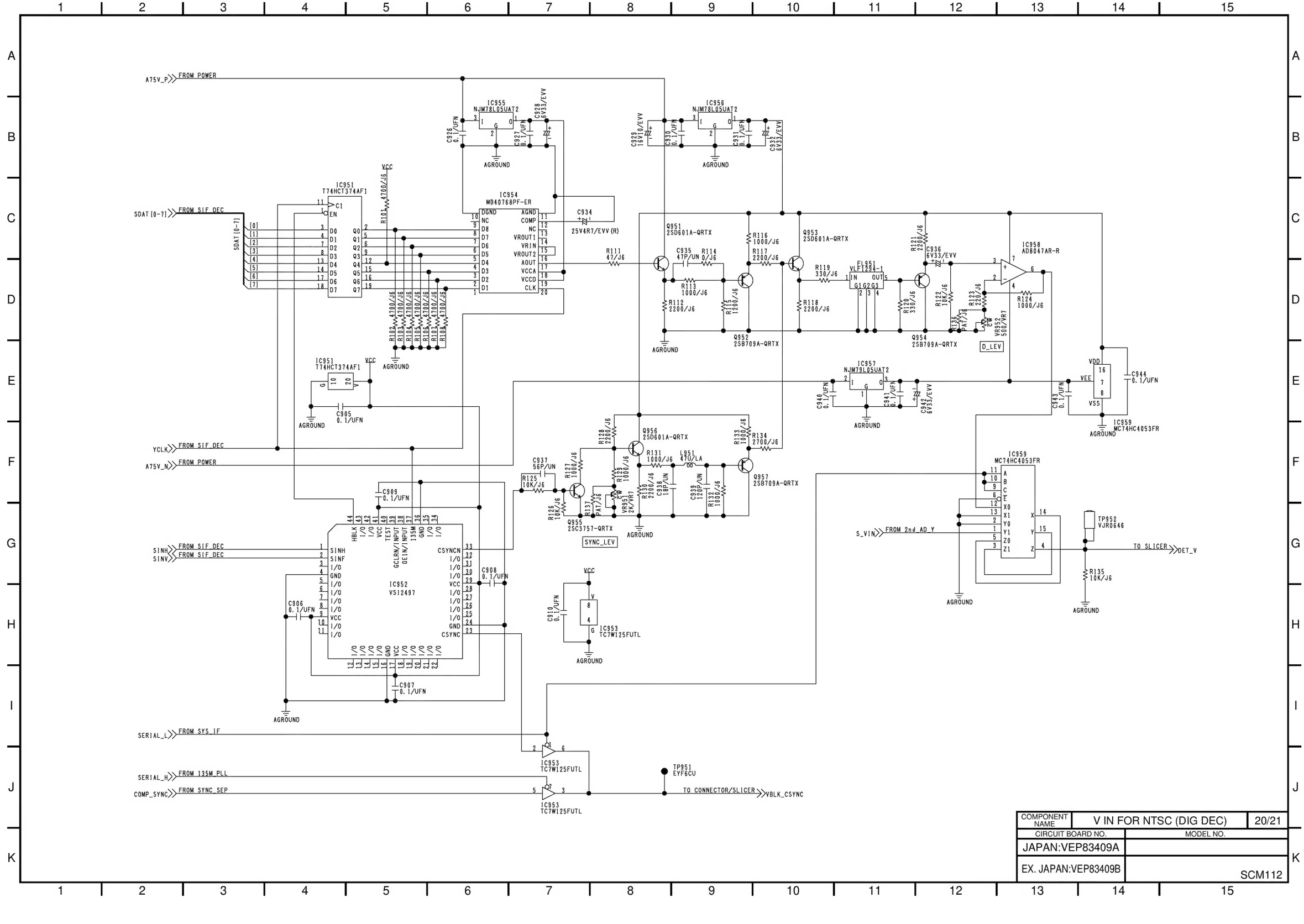
COMPONENT NAME	V IN FOR NTSC (TBC)	17/21
CIRCUIT BOARD NO.		MODEL NO.
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM109



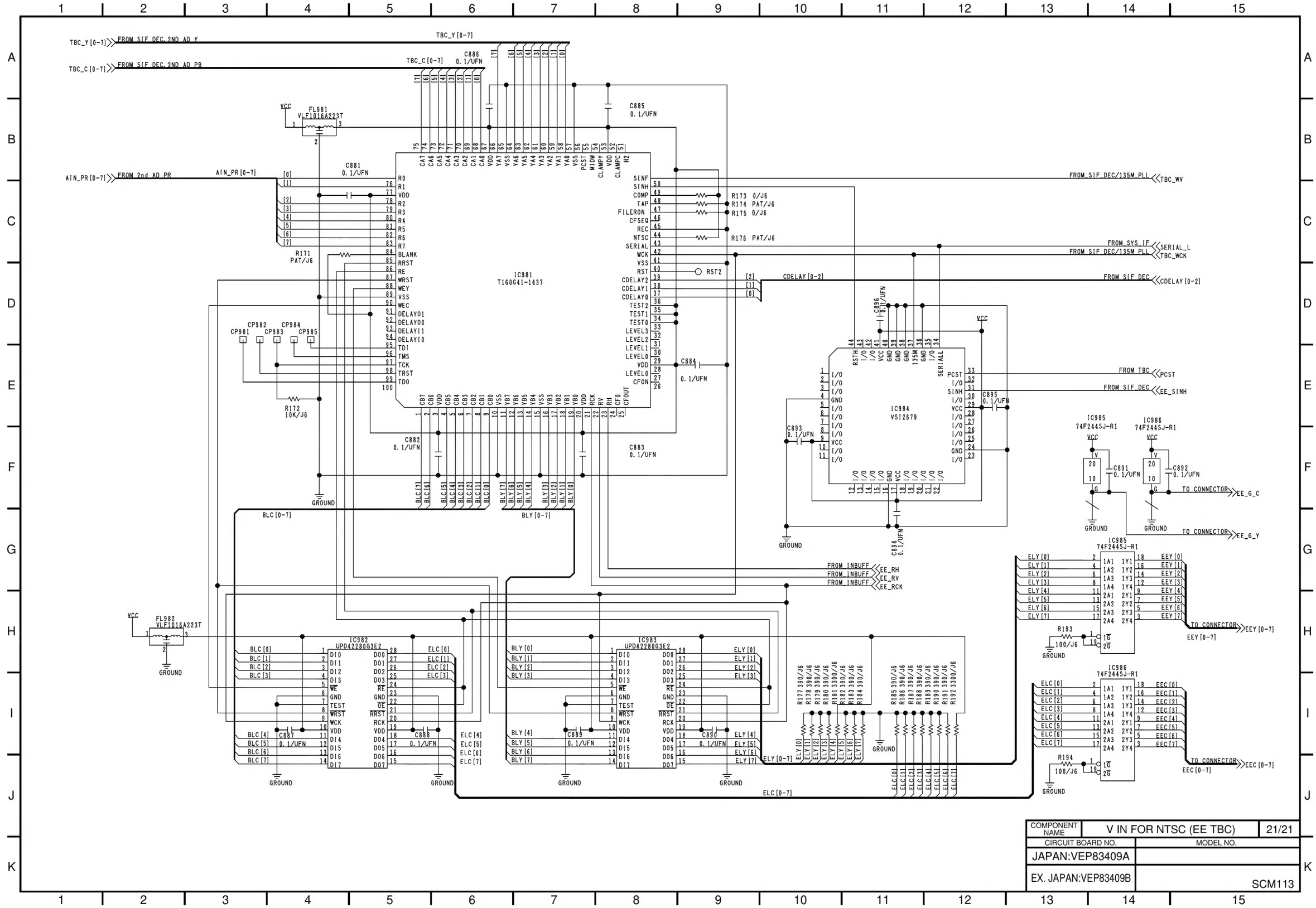
COMPONENT NAME	V IN FOR NTSC (OUT BUFF)	18/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM110



COMPONENT NAME	V IN FOR NTSC (SLICER)	19/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM111



COMPONENT NAME	V IN FOR NTSC (DIG DEC)	20/21
CIRCUIT BOARD NO.	MODEL NO.	
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM112



COMPONENT NAME	V IN FOR NTSC (EE TBC)	21/21
CIRCUIT BOARD NO.		MODEL NO.
JAPAN:VEP83409A		
EX. JAPAN:VEP83409B		SCM113